

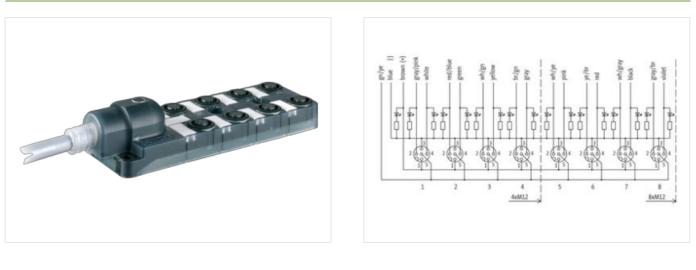
## EXACT12, 8XM12, 5-POLE, MOULDED CABLE

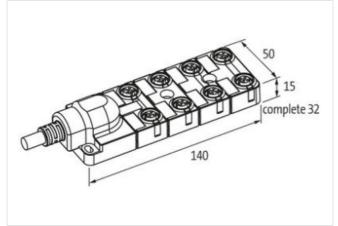
5.0m PUR/PVC 16x0,34+3X0.75, UL/CSA

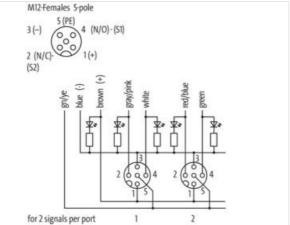
8-way, 5-pole PUR/PVC Further cable lengths on request. 5.0 m Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request.

## Link to Product

Illustration







Product may differ from Image



## ام امام

Commercial data		
ECLASS-6.0	27143423	
ECLASS-6.1	27279219	
ECLASS-7.0	27279219	
ECLASS-8.0	27279219	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06



ECLASS-9.0	27440108
ECLASS-10.1	27440108
ECLASS-11.1	27440108
ECLASS-12.0	27440108
ETIM-5.0	EC002585
customs tariff number	85444290
GTIN	4048879054027
Packaging unit	1
Electrical data   Supply	
Operating voltage DC	24 V
Current operating per contact max.	4 A
Installation   Connection	
Mounting set	M12 x 1
Device protection   Electrical	
Degree of protection (EN IEC 60529)	IP65, IP67
	······
Device protection   Media	
Flame resistance	flame retardant
Mechanical data   Material data	
Material housing	Plastic
Mechanical data   Mounting data	
Mounting method	Schraubgewinde
Environmental characteristics   Climatic	
Operating temperature min.	-20 °C
Operating temperature max.	70 °C
Additional condition temperature range	depending on cable quality
Installation   Cable	
STOOW style jacket	Hybrid, Signal, Power
Cable identification	398
Cable Type	2
Jacket Color	gray
Type of Certificate	cURus
Amount stranding	1
Stranding	7 wires around Core filler twisted
Amount stranding (type 2)	1
Stranding (type 2)	12 wires around Stranding combination twisted
wire arrangement	white, gray-pink, brown-green, yellow, green-white, green, red-blue, (violet, brown-gray, black, gray-white, red, brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
wire arrangement Cable weigth	
	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow)
Cable weigth	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m
Cable weigth Material jacket	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR
Cable weigth Material jacket Shore hardness jacket	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket)	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 %
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket)	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm
Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC
Cable weigth Material jacket Shore hardness jacket Freedom from ingredients (jacket) Outer-diameter (jacket) Outer-diameter (jacket) Tolerance outer diameter (sheath) Material inner jacket Color (inner jacket) Material wire insulation Amount wires	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC 16
Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC 16 1,3 mm
Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter tolerance core insulation	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC 16 16 1,3 mm ± 5 %
Cable weigth         Material jacket         Shore hardness jacket         Freedom from ingredients (jacket)         Outer-diameter (jacket)         Tolerance outer diameter (sheath)         Material inner jacket         Color (inner jacket)         Material wire insulation         Amount wires         Outer diameter insulation	brown-yellow, pink, yellow-white, gray, blue, brown, green-yellow) 165 g/m PUR 87 ± 5 Shore A lead-free, cadmium-free, CFC-free, silicone-free 10 mm ± 5 % PVC gray PVC 16 1,3 mm

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06



Ingredient freeness wire insulation	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands (wire)	19
Diameter of single wires	0,15 mm
Conductor crosssection (wire)	0,34 mm <sup>2</sup>
Material conductor wire	Stranded copper wire, bare
Conductor type (wire)	Strand class 5
Traversing distance (C-track)	5 m @ 25 °C
Travel speed (C-track)	3
Material wire insulation (Power)	PVC
Outer diameter wire insulation (Power)	1,8 mm
Tolerance outer diameter wire insulation (Power)	±5 %
Shore hardness wire insulation (Power)	43±5 Shore D
Material properties wire insulation (Power)	good machinability
Ingredient freeness wire insulation (Power)	lead-free, cadmium-free, CFC-free, silicone-free
Amount strands wire (Power)	42
Diameter of single wires (Power)	0,15 mm
Wire conductor cross section (Power)	0,75 mm <sup>2</sup>
Material conductor wire (Power)	Stranded copper wire, bare
Conductor type wire (Power)	strand class 6
Max. rated voltage (conductor - conductor)	300 V
Max. rated voltage (conductor - ground)	300 V
Current load capacity (standard)	to DIN VDE 0298-4
Current load capacity min. wire	4 A
Loop resistance	7,8 A
Electrical resistance line constant wire	57 Ω/km @ 20 °C
Electrical resistance coating wire (Power)	26 Ω/km @20 °C
AC withstand voltage (wire - wire)	2 kV @ 60 s
Power frequency withstand voltage (wire - jacket)	2 kV @ 60 s
Min. operating temperature (static)	-30 °C
Max. operating temperature (fixed)	80 °C
Operating temperature min. (dynamic)	-5 °C
Operating temperature max. (dynamic)	70 °C
Flame resistance	IEC 60332-2-2   UL 1581 § 1090   UL 1581 § 1100 FT2
chemical resistance	Good, application-related testing
Gasoline resistance	Good, application-related testing
Oil resistance	Good, application-related testing   DIN EN 60811-404
Bending radius (fixed)	5 x Outer diameter
Bending radius (dynamic)	10 x Outer diameter
Travel speed (C-track)	2 Mio. @ 25 °C
Connection type 2	
Family construction form	free cable end
No. of poles	19
Family construction form	M12
Gender	female
Color contact carrier	black
Coding	A
No. of poles	5
PIN 1	+
PIN 2	NC S 2
PIN 3	-
PIN 4	NO \$ 1
PIN 5	PE

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06